

What is claimed is:

1. A curtain blind take-up drive mechanism with non-slip effect, having a level slat style curtain blind; the curtain blind is hand-operable, and provides a take-up mechanism that achieves safety of operation and non-slipping effectiveness of slats; the curtain blind comprises a head rail, and a drive shaft is lengthwise configured within the head rail; the drive shaft actuates a reel, and the reel provides winding and unwinding thereon of a reel cord, and thus controlling movement of the slats; the reel is adapted to rotate upon actuation and thereupon take-up or let-down the slats; the take-up drive mechanism is characterized in that a power end comprises a slat tilt rod, an upper portion of the slat tilt rod couples to a flexible coupling shaft, which thereon connects to a worm; the worm engages with a worm gear, and the worm gear is connected to a drive shaft, which thereon actuates a transmission amplifier; the transmission amplifier is secured within the head rail, and a drive end of the transmission amplifier actuates a coupling drive shaft.
2. The curtain blind take-up drive mechanism with non-slip effect as claimed in claim 1, wherein the transmission amplifier can be connected between the flexible coupling shaft and the worm, with the transmission amplifier thereby being secured below the head rail.

3. The curtain blind take-up drive mechanism with non-slip effect as claimed in claim 1, wherein the transmission amplifier is driven through the worm gear actuating a turntable; shaft pins are configured on the turntable, whereby the shaft pins freely rotatably position satellite gears; the satellite gears centrally engage with a central shaft gear, whereupon the satellite gears peripherally steadily engage with an inner-ring gear.
4. The curtain blind take -up drive mechanism with non-slip effect as claimed in claim 1, wherein the transmission amplifier is driven through the worm gear actuating the inner-ring gear; the inner-ring gear 41 is adapted to utilize a bias meshing method with the central shaft gear.
5. The curtain blind take-up drive mechanism with non-slip effect as claimed in claim 1, wherein the transmission amplifier actuates a first gear through the worm gear; upon the first gear being actuated, the first gear can be enabled to engage with a multilayer configuration of gears, therethrough achieving amplification of rotational speed of the drive shaft.
6. The curtain blind take-up drive mechanism with non-slip effect as claimed in claim 1, wherein a bridging gear can be directly configured between the first gear and the central shaft gear.

7. The curtain blind take-up drive mechanism with non-slip effect as claimed in claim 5, wherein a bridging gear can be directly configured between the first gear and the central shaft gear.

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